

<p style="text-align: center;">NATIONAL PHASE UTILITY APPLICATION</p> <p style="text-align: center;">Transmittal to the (DO/EO/US) Under 35 USC 371</p>	<p>Attorney Docket No.: DI-007 First Named Inventor: MOON, WON KOOK 10/561714 Int'l Application No.: PCT/KR2004/001515 Int'l Filing Date: June 23, 2004 Priority Date Claimed: June 23, 2003 Title: COMPOSITION COMPRISING SOLUBLE GLUCAN OLIGOMER FROM SACCHAROMYCES CEREVISIAE IS2 INHIBITING THE SWINE INFLUENZA (SIV) AND TRANSMISSIBLE GASTROENTERITIS CORONAVIRUS (TGEV) Express Mail Label No.: ET 216219298 US</p>
Direct all correspondence to Customer No.: 038051	
Date: December 21, 2005 Page 1 of 2	

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The following enclosures are transmitted herewith to be filed in the patent application of:

Inventors:

1. MOON, Won Kook	2. KIM, Dong Woo
3. PARK, Jeong Hoon	4. CHUNG, Bong Hyun

APPLICATION ELEMENTS:

- This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) has been communicated by the International Bureau.
- An English translation of the International Application as filed is not required.
- Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.

OTHER APPLICATION PARTS:

- 1 sheet of Drawings.
- Preliminary Amendment: Amendments to the specification is attached hereto in page 4.
- International Application As Published (WO 2004/112802 A1).
- Declaration executed by the inventors in three (3) pages.
- Power of Attorney in four (3) pages.
- International Search Report (PCT/ISA/210).
- PCT/IB/306.
- PCT Request Form.
- A certified copy of Korean Patent Application No. KR 10-2003-0040535, filed on June 23, 2003.
- Return prepaid postcard.

10/561714

IAP20 REC'D BY USPTO 21 DEC 2005

**NATIONAL PHASE
UTILITY APPLICATION
Transmittal to the (DO/EO/US)
Under 35 USC 371**

Attorney Docket No.: DI-007
First Named Inventor: MOON, WON KOOK
Int'l Application No.: PCT/KR2004/001515
Int'l Filing Date: June 23, 2004
Priority Date Claimed: June 23, 2003
Title: COMPOSITION COMPRISING SOLUBLE GLUCAN OLIGOMER FROM SACCHAROMYCES CEREVISIAE IS2 INHIBITING THE SWINE INFLUENZA (SIV) AND TRANSMISSIBLE GASTROENTERITIS CORONAVIRUS (TGEV)
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Date: December 21, 2005
Page 2 of 2**FILING FEES:**

The present application qualifies for Small Entity Status under 37 CFR 1.27.

FEE CALCULATION				
FEE TYPE & DETERMINATION		SMALL FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)		2631 (\$150)		\$150
Search Fee under 1.492(b) (enter one in TOTAL column)				
(1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)		2640 (\$0)		
(2) USPTO was the ISA (noncompliant claims)		2641 (\$50)		\$250
(3) Foreign Search Report Enclosed		2642 (\$200)		
(4) No Search Report Enclosed		2632 (\$250)		
Examination Fee under 1.492(c) (enter one in TOTAL column)				
(1) USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)		2643 (\$0)		\$100
(2) Non US IPEA or Noncompliant Claims		2633 (\$100)		
Excess Claims	7 - 20 = 0	2615 (\$25)	0 x 25 =	\$0
Excess Ind. Claims	3 - 3 = 0	2614 (\$100)	0 x 100 =	\$0
			TOTAL FEE DUE	\$500
TOTAL FEE PAID (If Different Than Fee Due)				\$500

Credit Card Information Sheet indicated \$500 to cover the application filing fee.

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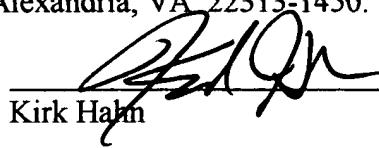
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Attorney Docket No. : DI-007
Applicant(s) : MOON, et al.
For : COMPOSITION COMPRISING SOLUBLE
GLUCAN OLIGOMER FROM
SACCHAROMYCES CEREVISIAE IS2
INHIBITING THE SWINE INFLUENZA (SIV)
AND TRANSMISSIBLE
GASTROENTERITIS CORONAVIRUS
(TGEV)
Agent : Kirk Hahn
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Date of Deposit : December 21, 2005

I hereby certify that the accompanying

Transmittal letter (w/attached Preliminary Amendment) in 3 pages; Specification in 30 pages; 1 sheet of Drawings; Declaration in 3 pages; Power of Attorney in 4 pages; International Search Report (PCT/ISA/210); International Application As Published (WO 2004/112802A1); PCT Request Form; PCT/IB/306; A certified copy of Korean Patent Application No. 10-2003-0040535; Credit Card Information Sheet; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Kirk Hahn